

Notice: This form and any information attached to it are "Public Records" as defined in NC General Statute 132-1. As such, these documents are available for inspection and examination by any person upon request (NC General Statute 132-6).

Instructions:

- Prepare one form for each individually monitored unit.
- Please type or print legibly.
- Attach a notification table with values that attain or exceed NC 2L groundwater standards or NC 2B surface water standards. The notification must include a preliminary analysis of the cause and significance of each value. (e.g. naturally occurring, off-site source, pre-existing condition, etc.).
- Attach a notification table of any groundwater or surface water values that equal or exceed the reporting limits.
- Attach a notification table of any methane gas values that attain or exceed explosive gas levels. This includes any structures on or nearby the facility (NCAC 13B .1629 (4)(a)(i)).
- In accordance with NC General Statutes Chapter 89C and 89E and NC Solid Waste Management Rules 15A NCAC 13B, be sure to affix a seal to the bottom of this page, when applicable.
- Send the original signed and sealed form, any tables, and Electronic Data Deliverable to: Compliance Unit, NCDENR-DWM, Solid Waste Section, 1646 Mail Service Center, Raleigh, NC 27699-1646.

Solid Waste Monitoring Data Submittal Information

Name of entity submitting data (laboratory, consultant, facility owner):

Buxton Environmental, Inc.



Contact for questions about data formatting. Include data preparer's name, telephone number and E-mail address:

Name: Ross Klingman, P.G.

Phone: 704-344-1450

E-mail: buxtonenv@bellsouth.net

Facility name:	Facility Address:	Facility Permit #	NC Landfill Rule: (.0500 or .1600)	Actual sampling dates (e.g., October 20-24, 2006)
Gaston Co.- Closed Cramerton Landfill	Cramerton Rd. Cramerton, North Carolina		.0500	11/24/08

Environmental Status: (Check all that apply)

- Initial/Background Monitoring Detection Monitoring Assessment Monitoring Corrective Action

Type of data submitted: (Check all that apply)

- Groundwater monitoring data from monitoring wells
 Groundwater monitoring data from private water supply wells
 Leachate monitoring data
 Surface water monitoring data

- Methane gas monitoring data
 Corrective action data (specify) _____
 Other(specify) _____

Notification attached?

- No. No groundwater or surface water standards were exceeded.
 Yes, a notification of values exceeding a groundwater or surface water standard is attached. It includes a list of groundwater and surface water monitoring points, dates, analytical values, NC 2L groundwater standard, NC 2B surface water standard or NC Solid Waste GWPS and preliminary analysis of the cause and significance of any concentration.
 Yes, a notification of values exceeding an explosive methane gas limit is attached. It includes the methane monitoring points, dates, sample values and explosive methane gas limits.

Certification

To the best of my knowledge, the information reported and statements made on this data submittal and attachments are true and correct. Furthermore, I have attached complete notification of any sampling values meeting or exceeding groundwater standards or explosive gas levels, and a preliminary analysis of the cause and significance of concentrations exceeding groundwater standards. I am aware that there are significant penalties for making any false statement, representation, or certification including the possibility of a fine and imprisonment.

Ross Klingman, P.G. President

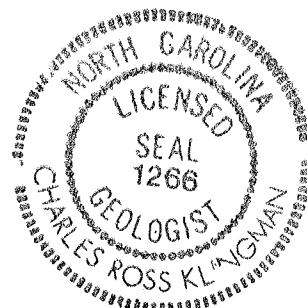
Facility Representative Name (Print)

Title

(Area Code) Telephone Number

Affix NC Licensed/ Professional Geologist/Engineer Seal here:

5-7-09
Date



SECOND SEMI-ANNUAL 2008
GROUNDWATER AND SURFACE WATER MONITORING EVENT
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

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SECOND SEMI-ANNUAL 2008
GROUNDWATER AND SURFACE WATER MONITORING EVENT
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

1.0 INTRODUCTION

Buxton Environmental, Inc. respectfully submits the methods and results of the second semi-annual 2008 groundwater and surface water monitoring activities conducted at the Gaston County Closed Cramerton Landfill located in Gaston County, North Carolina. The purpose for conducting the assessment was to monitor groundwater, surface water and hydrogeologic conditions at the subject site. A site location map and site layout map are provided in Figures 1 and 2, respectively.

The monitoring activities were conducted in general accordance with the North Carolina Department of Environment and Natural Resources, Division of Waste Management-Solid Waste Section (NCDWM) rules, NCDWM memorandums dated October 27, 2006, February 23, 2007 and October 16, 2007 concerning changes to laboratory detection limits and reporting requirements, and the NCDWM guidelines dated April 2008 for groundwater and surface water sampling. A summary of background information, and the methods, results, conclusions and recommendations of this investigation are outlined below.

2.0 BACKGROUND INFORMATION

Based on review of aerial photographs and discussions with Gaston County personnel, the subject facility operated from approximately 1966 until it closed in 1984. The subject property consists of approximately 44 acres and contains a Colonial Pipeline (petroleum) easement across the central portion of the site. Two landfill areas, one located northwest of the pipeline and one located southeast of the pipeline, were filled during operation.

To comply with NCDWM guidelines, semi-annual groundwater monitoring was initiated in April 1997 at eight shallow monitor wells MW-1 through MW-8. The groundwater samples were analyzed for Appendix I volatile organic compounds (VOC's) and RCRA metals. Groundwater samples collected at the site during these activities indicated several VOC's and metals above the North Carolina Groundwater Protection Standards (NCGPS's).

Due to the presence of target constituents above the NCGPS's, the NCDWM requested that additional assessment be conducted to determine the extent of affected groundwater and the existence of surrounding water supply wells. According to a March 22, 2001 *Site Assessment Activities for Cramerton Closed Landfill* report prepared by Resolve Environmental Services, P.A., two deep monitor wells MW-2D and MW-6D and one shallow monitor well MW-7A were installed at the site. The three wells were installed immediately adjacent to monitor wells MW-2, MW-6 and MW-7, respectively. Groundwater sample MW-2D indicated the presence of 68 micrograms per liter (ug/l) lead, which is above the NCGPS. Groundwater sample MW-6D indicated the presence of 20 ug/l lead and 9 ug/l benzene, which are above the NCGPS's. Groundwater sample MW-7A indicated the presence of 22 ug/l lead and 6 ug/l 1,2-dichloroethane, which are above the NCGPS's. During the assessment, 34 water supply wells were identified within a 0.5 mile radius of the former landfill. According to the report, these water supply wells were either located upgradient of the landfill or were separated by a shallow groundwater divide.

In response to the March 2001 report, the NCDWM requested in a November 8, 2001 letter that additional assessment activities be conducted in the area of monitor well MW-6D and MW-7A to determine the extent of affected groundwater. Gaston County Public Works is currently evaluating the purchase of immediately adjacent property to serve as a buffer for affected groundwater detected at the site.

Gaston County recently purchased 2.44 acres of property on the eastern corner of the site located immediately adjacent to monitor well MW-7A.

3.0 GROUNDWATER AND SURFACE WATER MONITORING ACTIVITIES

On November 24, 2008, Buxton Environmental, Inc. conducted the second semi-annual 2008 groundwater and surface water monitoring event at the subject site. Groundwater monitoring activities were conducted at seven shallow monitor wells MW-1, MW-2, MW-3, MW-4, MW-6, MW-7A and MW-8, and two deep monitor wells MW-2D and MW-6D. Due to recent drought conditions, monitor well MW-5 was dry and was unable to be sampled. Surface water samples Upstream and Downstream were also collected during these activities.

Prior to conducting the sampling activities, groundwater levels were obtained from each well with a depth-to-water electrode to the nearest 0.01 foot. Following the gauging activities, each well was purged of three well bore volumes of water with a disposable Teflon bailer attached to new nylon rope. Purge water was poured on the ground surface at respective well heads. Field parameters including pH, conductivity and temperature were collected following purging at each well and at each surface water sample location. Groundwater gauging and field parameter data are provided in Tables 1 and 2, respectively.

The groundwater and surface water samples were analyzed for Appendix I VOC's by EPA Method 8260B, and 8 RCRA metals by EPA Methods 6010B and 7470A. For quality control purposes, one trip blank was analyzed for Appendix I VOC's. The trip blank was prepared by the laboratory. The laboratory analyses were conducted by Shealy Environmental Services, Inc. in West Columbia, South Carolina. The water samples were collected in general accordance with accepted protocol, including chain-of-custody documentation.

The monitor wells were locked and appeared to be in good condition during the sampling event.

4.0 GROUNDWATER FLOW DIRECTION

Based on groundwater levels obtained on November 24, 2008, shallow groundwater flow at the site is to the south, southwest, northwest and southeast. A shallow groundwater flow direction map is provided in Figure 3.

A horizontal hydraulic gradient of 0.04 feet per feet (ft/ft) was observed between shallow monitor wells MW-1 and MW-3. An upward vertical gradient of 0.03 ft/ft was observed at nested monitor wells MW-2 and MW-2D, and a downward gradient of 0.60 ft/ft was observed at nested monitor wells MW-6 and MW-6D. Upward vertical gradients are generally associated with groundwater discharge zones and downward gradients are generally associated with groundwater recharge zones.

5.0 GROUNDWATER AND SURFACE WATER ANALYTICAL RESULTS

The groundwater and surface water analytical results for the second semi-annual 2008 event are presented in Tables 3 and 4, respectively, and are illustrated in Figure 4. Laboratory data sheets are presented in Appendix A. Historical groundwater analytical results are presented in Appendix B.

Groundwater samples collected at monitor wells MW-2, MW-3, MW-4, MW-6, MW-6D and MW-7A indicated the presence of target constituents above the NCGPS's, which are summarized below. Groundwater sample MW-2 indicated the presence of 3.6 ug/l 1,4-dichlorobenzene, 1.5 ug/l vinyl chloride, and 19 ug/l lead. Groundwater sample MW-3 indicated the presence of 2.1 ug/l cadmium. Groundwater sample MW-4 indicated the presence of 1.6 ug/l benzene and 12 ug/l 1,4-dichlorobenzene. Groundwater sample MW-6 indicated the presence of 4.7 ug/l benzene, 21 ug/l 1,4-dichlorobenzene, 1.6 ug/l 1,2-dichloroethane and 6.2 ug/l vinyl chloride. Groundwater sample MW-6D indicated the presence of 5.2 ug/l benzene, 9.3 ug/l 1,4-dichlorobenzene, 0.69J ug/l 1,2-dichloropropane (J=estimated result (<Solid Waste Section Limit (SWSL) or Practical Quantitation Limit (PQL) and >=Method Detection Limit (MDL)) and 4.4 ug/l vinyl chloride. Groundwater sample MW-7A indicated the presence of 2.1 ug/l benzene and 6.5 ug/l 1,4-dichlorobenzene. The remaining groundwater samples did not indicate target constituents above the NCGPS's.

The Upstream and Downstream surface water samples did not indicate target constituents above the NCGPS.

The trip blank did not indicate the presence of VOC's above method detection limits.

6.0 CONCLUSIONS

On November 24, 2008, Buxton Environmental, Inc. conducted the second semi-annual 2008 groundwater monitoring activities at the Closed Cramerton Landfill located in Gaston County, North Carolina. A summary of the findings of this investigation is provided below.

- Shallow groundwater flow at the site is to the south, southwest, northwest and southeast.
- Groundwater samples collected at MW-2, MW-3, MW-4, MW-6, MW-6D and MW-7A indicated target constituents above the NCGPS's.
- The Upstream and Downstream surface water samples did not indicate target constituents above the NCGPS's.

7.0 RECOMMENDATIONS

Based on the findings of this assessment, Buxton Environmental, Inc. makes the following recommendations.

- Semi-annual groundwater monitoring should continue to be conducted at the Closed Cramerton Landfill. The next sampling event is anticipated to be conducted in May 2009.
- A copy of this report should be forwarded to the NCDWM for their review.

rk:reports:cramertonrpt..1108

FIGURES



Scale

0 Feet 2,000

Source: United States Geological Survey, 1993 Mount Holly,
1997 Belmont, North and South Carolina Quadrangles

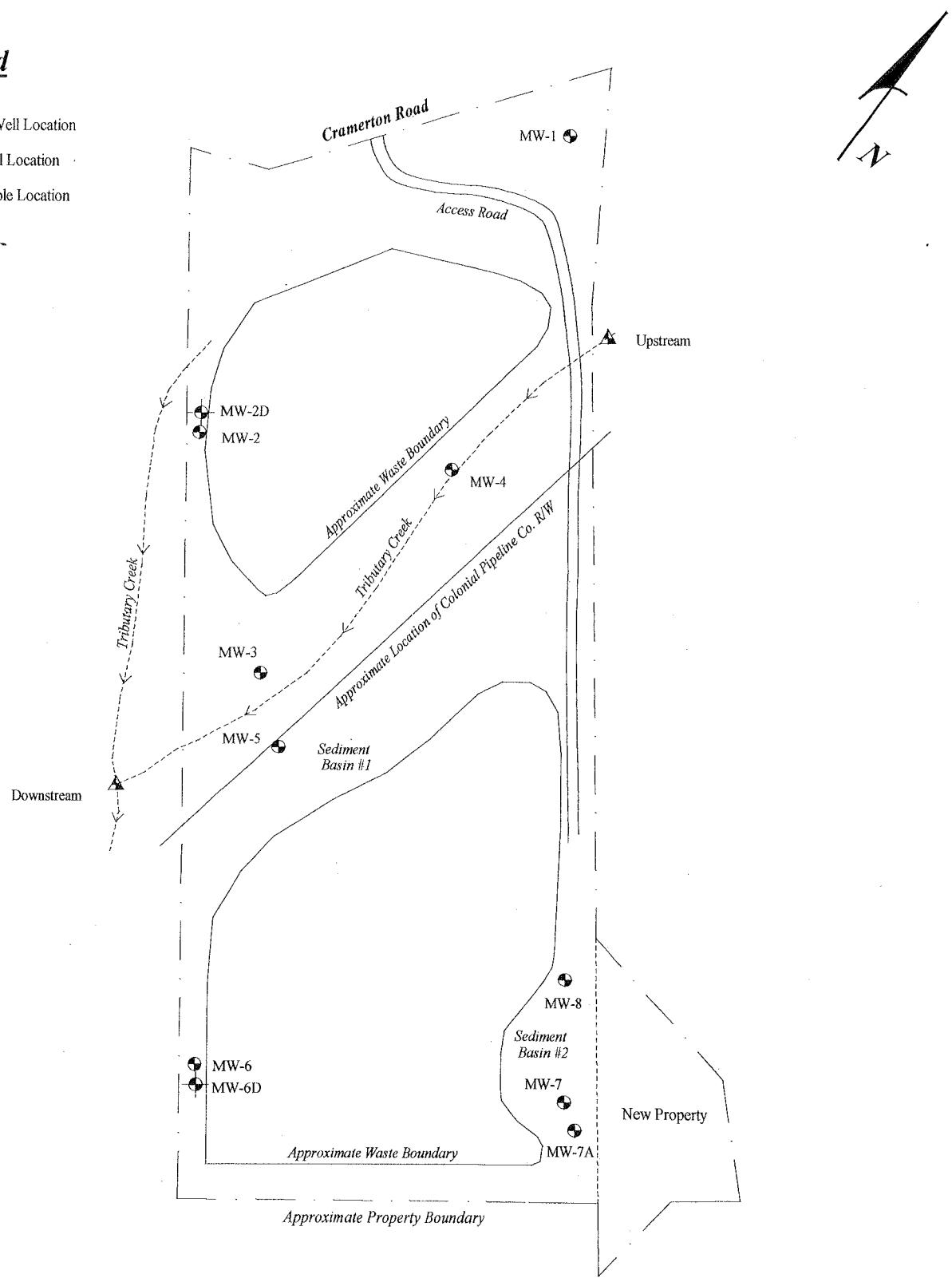
Gaston County
Closed Cramerton Landfill
Gaston County, North Carolina

Buxton Environmental, Inc.

Figure 1.
Site Location Map

Legend

- Shallow Monitor Well Location
- Deep Monitor Well Location
- ▲ Surfacewater Sample Location



Scale
0 Feet 300

rk:sketch:cramerla

Gaston County
Closed Cramerton Landfill
Gaston County, North Carolina

Buxton Environmental, Inc.

Figure 2.
Site Layout Map

Source: Resolve Environmental Services,
P.A. Site Layout Map and Survey Plat
by Robinson & Sawyer, Inc.

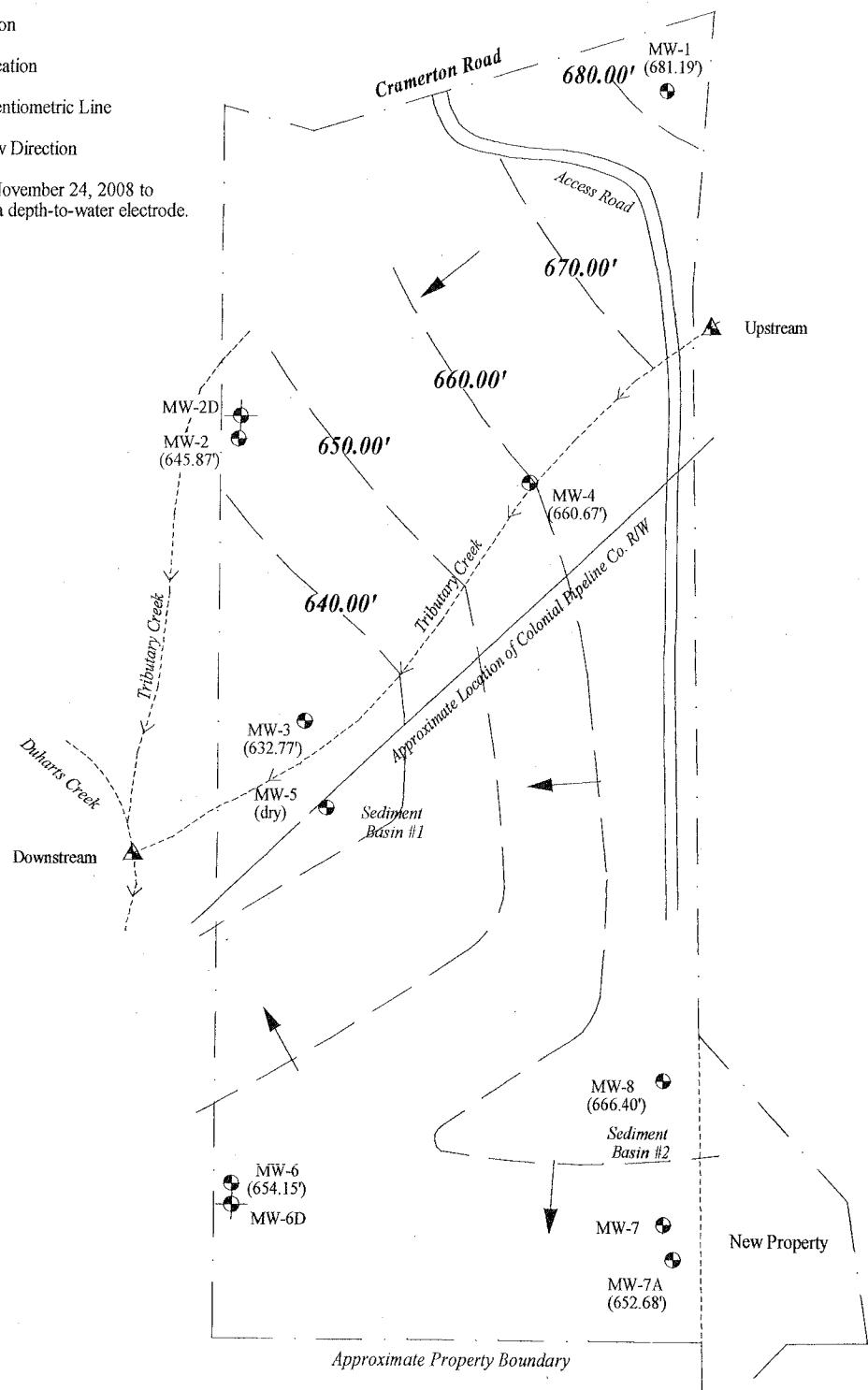
Legend

- Shallow Monitor Well Location
- Deep Monitor Well Location
- ▲ Surface Water Sample Location

650.00' Shallow Groundwater Potentiometric Line

Shallow Groundwater Flow Direction

Water levels obtained on November 24, 2008 to the nearest 0.01 foot with a depth-to-water electrode.



rsketch:crfl1108

Gaston County
Closed Cramerton Landfill
Gaston County, North Carolina

Buxton Environmental, Inc.

Figure 3.
Shallow Groundwater Flow
Second Semi-Annual 2008

Legend

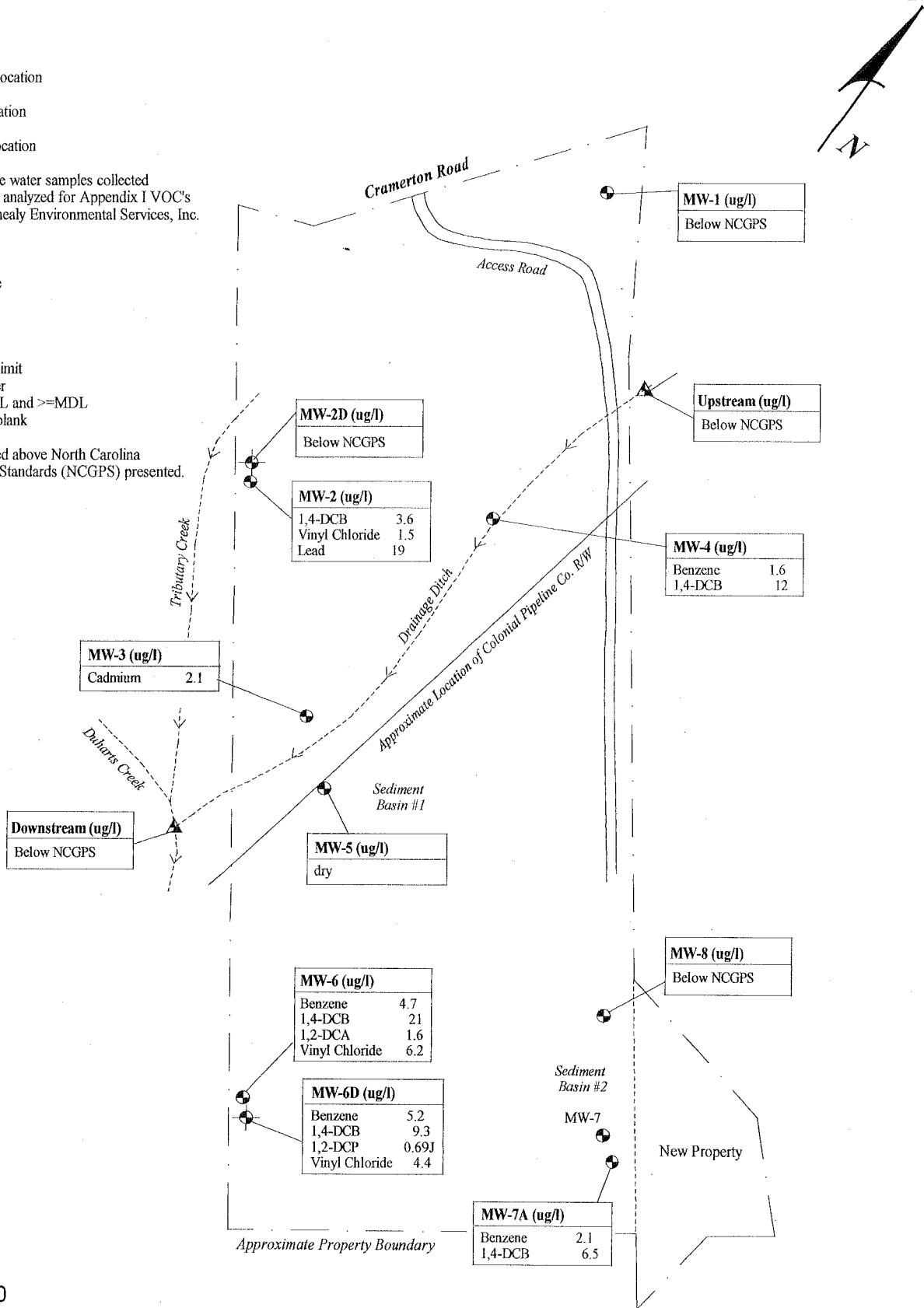
- Shallow Monitor Well Location
- Deep Monitor Well Location
- ▲ Surfacewater Sample Location

Groundwater and surface water samples collected November 24, 2008 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. MW-5 was dry.

DCA = Dichloroethane
 DCB = Dichlorobenzene
 DCP = Dichloropropene
 TCE = Trichloroethene
 TCP = Trichloropropene

BDL = below detection limit
 ug/l = microgram per liter
 J = estimated result <PQL and >=MDL
 B = detected in method blank

Only constituents detected above North Carolina Groundwater Protection Standards (NCGPS) presented.



Scale

0 Feet 300

rk:sketch:orgw1108

Gaston County
 Closed Cramerton Landfill
 Gaston County, North Carolina

Buxton Environmental, Inc.

Figure 4.
 Groundwater Analytical Results
 Second Semi-Annual 2008

TABLES

TABLE 1
GROUNDWATER GAUGING DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 24, 2008

<i>Well ID</i>	<i>TD BTOC (ft)</i>	<i>TOC Elevation (ft)</i>	<i>DTW BTOC (ft)</i>	<i>DTW Elevation (ft)</i>
MW-1	23.90	702.23	21.04	681.19
MW-2	17.50	652.34	6.47	645.87
MW-2D	53.00	656.54	9.66	646.88
MW-3	15.50	643.73	10.96	632.77
MW-4	10.00	667.20	6.53	660.67
MW-5	11.70	646.88	dry	dry
MW-6	29.00	682.36	28.21	654.15
MW-6D	56.00	685.74	33.00	652.74
MW-7A	38.00	680.03	27.35	652.68
MW-8	26.00	671.01	4.61	666.40

Notes:

Depth to water measurements collected on November 24, 2008 to the nearest 0.01 foot
with a depth to water meter.

TD=total depth;BTOC=below top of casing;TOC=top of casing;DTW=depth to water;ft=feet

TABLE 2
FIELD PARAMETER DATA
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 24, 2008

Sample ID	Field Parameters		
	pH (standard units)	K (uS)	T (fahrenheit)
MW-1	7.2	110	60
MW-2	7.2	400	66
MW-2D	7.9	430	65
MW-3	6.4	810	64
MW-4	6.6	920	60
MW-5	dry	dry	dry
MW-6	6.7	940	62
MW-6D	6.8	880	63
MW-7A	6.7	730	61
MW-8	7.2	240	63
Upstream	7.8	110	46
Downstream	7.7	420	50

Notes:

Field parameters collected on November 24, 2008

SU = standard units

uS = microsiemens

K = conductivity; T = temperature

"--" = no data, limited water

TABLE 3
GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 24, 2008

Sample ID	MW-1	MW-2	MW-2D	MW-3	MW-4	MW-5	MW-6	MW-6D	MW-7A	MW-8	NCGPS
Appendix I VOC's											
Acetone	BDL	BDL	BDL	BDL	7J	NT	10J	BDL	BDL	BDL	700
Benzene	BDL	0.69J	BDL	BDL	1.6	NT	4.7	5.2	2.1	BDL	1
2-Butanone	BDL	BDL	BDL	BDL	BDL	NT	11	BDL	BDL	BDL	4,200
Carbon Disulfide	BDL	0.23J	1	0.79J	0.38J	NT	0.14J	0.31J	1	BDL	700
Chlorobenzene	BDL	5.4	BDL	0.58J	9.8	NT	1	1	1.6	BDL	50
Chloroethane	BDL	BDL	BDL	BDL	1.2J	NT	3.2	1.2J	1.1J	BDL	2,800
1,2-Dichlorobenzene	BDL	BDL	BDL	BDL	1.2	NT	0.73J	0.66J	BDL	BDL	24
1,4-Dichlorobenzene	BDL	3.6	BDL	BDL	12	NT	21	9.3	6.5	BDL	1.4
1,1-Dichloroethane	BDL	1.1	2.4	BDL	BDL	NT	3.4	13	1.2	BDL	70
1,1-Dichloroethene	BDL	2	1.8	BDL	BDL	NT	BDL	BDL	BDL	BDL	7
1,2-Dichloroethane	BDL	BDL	BDL	BDL	BDL	NT	1.6	BDL	BDL	BDL	0.38
cis-1,2 Dichloroethene	BDL	2	2	BDL	0.15J	NT	52	64	BDL	BDL	70
trans-1,2-Dichloroethene	BDL	BDL	BDL	BDL	BDL	NT	0.32J	0.33J	BDL	BDL	100
1,2-Dichloropropane	BDL	BDL	BDL	BDL	BDL	NT	0.29J	0.69J	BDL	BDL	0.51
Ethylbenzene	BDL	BDL	BDL	BDL	BDL	NT	BDL	BDL	0.34J	BDL	550
Styrene	BDL	4.9	BDL	BDL	BDL	NT	BDL	BDL	BDL	BDL	100
Tetrachloroethylene	BDL	BDL	0.46J	BDL	BDL	NT	BDL	BDL	BDL	BDL	0.7
Toluene	BDL	BDL	BDL	2.6	BDL	NT	0.37J	BDL	0.5J	BDL	1,000
Trichloroethylene	BDL	BDL	0.24J	BDL	BDL	NT	0.97J	1.9	BDL	BDL	2.8
Xylenes	BDL	BDL	BDL	BDL	BDL	NT	1.2	0.81J	0.77J	BDL	530
Vinyl Chloride	BDL	1.5	BDL	BDL	BDL	NT	6.2	4.4	BDL	BDL	0.015
RCRA Metals											
Arsenic	BDL	BDL	BDL	BDL	BDL	NT	7.4	BDL	31	BDL	50
Barium	67	320	15J	180	480	NT	1,100	160	480	34	2,000
Cadmium	BDL	1.1J	BDL	2.1	0.82J	NT	1.2J	0.98J	BDL	BDL	1.75
Chromium	2.8J	6.2	BDL	BDL	10	NT	BDL	BDL	BDL	BDL	50
Lead	4.9	19	4.2	3.5	9.1	NT	6.4	4.1	9.7	3	15
Mercury	BDL	0.16	BDL	BDL	0.058J	NT	BDL	0.072J	0.055J	0.054J	1.05
Selenium	BDL	4.1J	BDL	3.2J	4.8J	NT	3.9J	BDL	5.8	3.1J	50
Silver	0.77BJ	1.3BJ	0.52BJ	1.1BJ	2.9BJ	NT	1.5BJ	BDL	1.6BJ	BDL	17.5

Notes:

Groundwater samples were collected on November 24, 2008 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in W. Columbia, SC.

BDL = below detection limit; NS = no standard;

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

Bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

NT = not tested, limited water or dry well

TABLE 4
SURFACE WATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA
NOVEMBER 24, 2008

<i>Sample ID</i>	<i>Upstream</i>	<i>Downstream</i>	<i>NCGPS</i>
<i>Appendix I VOC's</i>			
Acetone	7.1J	BDL	700
Carbon Disulfide	0.61J	BDL	700
<i>RCRA Metals</i>			
Arsenic	4J	BDL	50
Barium	29	65	2,000
Lead	3.5	2.9J	15

Notes:

Surface water samples collected November 24, 2008 and analyzed for Appendix I VOC's and RCRA Metals by Shealy Environmental Services, Inc. in W. Columbia, SC.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

data presented in micrograms per liter (ug/l)

J = estimated result <PQL and >=MDL

APPENDIX A
LABORATORY DATA SHEETS

SHEALY ENVIRONMENTAL SERVICES, INC.

Report of Analysis

Buxton Environmental
PO Box 11550
Charlotte, NC 28220
Attention: Ross Klingman

Project Name: **Gaston Co - Cramerton Landfill**

Lot Number: **JK26041**
Date Completed: **12/03/2008**



Michael Casalena
Project Manager



This report shall not be reproduced, except in its entirety, without the written approval of Shealy Environmental Services, Inc.

The following non-paginated documents are considered part of this report: Chain of Custody Record and Sample Receipt Checklist.

• • • • • • •

SHEALY ENVIRONMENTAL SERVICES, INC.

SC DHEC No: 32010

NELAC No: E87653

NC DEHNR No: 329

**Case Narrative
Buxton Environmental
Lot Number: JK26041**

This Report of Analysis contains the analytical result(s) for the sample(s) listed on the Sample Summary following this Case Narrative. The sample receiving date is documented in the header information associated with each sample.

Sample receipt, sample analysis, and data review have been performed in accordance with the most current approved NELAC standards, the Shealy Environmental Services, Inc. ("Shealy") Quality Assurance Management Plan (QAMP), standard operating procedures (SOPs), and Shealy policies. Any exceptions to the NELAC standards, the QAMP, SOPs or policies are qualified on the results page or discussed below.

If you have any questions regarding this report please contact the Shealy Project Manager listed on the cover page.

SHEALY ENVIRONMENTAL SERVICES, INC.

Sample Summary Buxton Environmental

Lot Number: JK26041

Sample Number	Sample ID	Matrix	Date Sampled	Date Received
001	MW-1	Aqueous	11/24/2008 1045	11/26/2008
002	MW-2	Aqueous	11/24/2008 1115	11/26/2008
003	MW-2D	Aqueous	11/24/2008 1145	11/26/2008
004	MW-3	Aqueous	11/24/2008 1215	11/26/2008
005	MW-4	Aqueous	11/24/2008 1245	11/26/2008
006	MW-6	Aqueous	11/24/2008 1415	11/26/2008
007	MW-6D	Aqueous	11/24/2008 1500	11/26/2008
008	MW-7A	Aqueous	11/24/2008 1345	11/26/2008
009	MW-8	Aqueous	11/24/2008 1320	11/26/2008
010	Upstream	Aqueous	11/24/2008 1015	11/26/2008
011	Downstream	Aqueous	11/24/2008 1300	11/26/2008
012	Trip Blank	Aqueous	11/26/2008 1610	11/26/2008

(12 samples)

SHEALY ENVIRONMENTAL SERVICES, INC.

**Executive Summary
Buxton Environmental
Lot Number: JK26041**

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
001	MW-1	Aqueous	Barium	6010B	0.067		mg/L	9
001	MW-1	Aqueous	Chromium	6010B	0.0028	J	mg/L	9
001	MW-1	Aqueous	Lead	6010B	0.0049		mg/L	9
001	MW-1	Aqueous	Silver	6010B	0.00077	BJ	mg/L	9
002	MW-2	Aqueous	Benzene	8260B	0.69	J	ug/L	10
002	MW-2	Aqueous	Carbon disulfide	8260B	0.23	J	ug/L	10
002	MW-2	Aqueous	Chlorobenzene	8260B	5.4		ug/L	10
002	MW-2	Aqueous	1,4-Dichlorobenzene	8260B	3.6		ug/L	10
002	MW-2	Aqueous	1,1-Dichloroethane	8260B	1.1		ug/L	10
002	MW-2	Aqueous	1,1-Dichloroethene	8260B	2.0		ug/L	10
002	MW-2	Aqueous	cis-1,2-Dichloroethene	8260B	2.0		ug/L	10
002	MW-2	Aqueous	Styrene	8260B	4.9		ug/L	10
002	MW-2	Aqueous	Vinyl chloride	8260B	1.5		ug/L	11
002	MW-2	Aqueous	Barium	6010B	0.32		mg/L	12
002	MW-2	Aqueous	Cadmium	6010B	0.0011	J	mg/L	12
002	MW-2	Aqueous	Chromium	6010B	0.0062		mg/L	12
002	MW-2	Aqueous	Lead	6010B	0.019		mg/L	12
002	MW-2	Aqueous	Mercury	7470A	0.00016		mg/L	12
002	MW-2	Aqueous	Selenium	6010B	0.0041	J	mg/L	12
002	MW-2	Aqueous	Silver	6010B	0.0013	BJ	mg/L	12
003	MW-2D	Aqueous	Carbon disulfide	8260B	1.0		ug/L	13
003	MW-2D	Aqueous	1,1-Dichloroethane	8260B	2.4		ug/L	13
003	MW-2D	Aqueous	1,1-Dichloroethene	8260B	1.8		ug/L	13
003	MW-2D	Aqueous	cis-1,2-Dichloroethene	8260B	2.0		ug/L	13
003	MW-2D	Aqueous	Tetrachloroethene	8260B	0.46	J	ug/L	13
003	MW-2D	Aqueous	Trichloroethene	8260B	0.24	J	ug/L	13
003	MW-2D	Aqueous	Barium	6010B	0.015	J	mg/L	15
003	MW-2D	Aqueous	Lead	6010B	0.0042		mg/L	15
003	MW-2D	Aqueous	Silver	6010B	0.00052	BJ	mg/L	15
004	MW-3	Aqueous	Carbon disulfide	8260B	0.79	J	ug/L	16
004	MW-3	Aqueous	Chlorobenzene	8260B	0.58	J	ug/L	16
004	MW-3	Aqueous	Toluene	8260B	2.6		ug/L	16
004	MW-3	Aqueous	Barium	6010B	0.18		mg/L	18
004	MW-3	Aqueous	Cadmium	6010B	0.0021		mg/L	18
004	MW-3	Aqueous	Lead	6010B	0.0035		mg/L	18
004	MW-3	Aqueous	Selenium	6010B	0.0032	J	mg/L	18
004	MW-3	Aqueous	Silver	6010B	0.0011	BJ	mg/L	18
005	MW-4	Aqueous	Acetone	8260B	7.0	J	ug/L	19
005	MW-4	Aqueous	Benzene	8260B	1.6		ug/L	19
005	MW-4	Aqueous	Carbon disulfide	8260B	0.38	J	ug/L	19
005	MW-4	Aqueous	Chlorobenzene	8260B	9.8		ug/L	19
005	MW-4	Aqueous	Chloroethane	8260B	1.2	J	ug/L	19
005	MW-4	Aqueous	1,2-Dichlorobenzene	8260B	1.2		ug/L	19
005	MW-4	Aqueous	1,4-Dichlorobenzene	8260B	12		ug/L	19
005	MW-4	Aqueous	cis-1,2-Dichloroethene	8260B	0.15	J	ug/L	19

Executive Summary (Continued)

Lot Number: JK26041

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
005	MW-4	Aqueous	Barium	6010B	0.48		mg/L	21
005	MW-4	Aqueous	Cadmium	6010B	0.00082	J	mg/L	21
005	MW-4	Aqueous	Chromium	6010B	0.010		mg/L	21
005	MW-4	Aqueous	Lead	6010B	0.0091		mg/L	21
005	MW-4	Aqueous	Mercury	7470A	0.000058	J	mg/L	21
005	MW-4	Aqueous	Selenium	6010B	0.0048	J	mg/L	21
005	MW-4	Aqueous	Silver	6010B	0.0029	BJ	mg/L	21
006	MW-6	Aqueous	Acetone	8260B	10	J	ug/L	22
006	MW-6	Aqueous	Benzene	8260B	4.7		ug/L	22
006	MW-6	Aqueous	2-Butanone (MEK)	8260B	11		ug/L	22
006	MW-6	Aqueous	Carbon disulfide	8260B	0.14	J	ug/L	22
006	MW-6	Aqueous	Chlorobenzene	8260B	1.0		ug/L	22
006	MW-6	Aqueous	Chloroethane	8260B	3.2		ug/L	22
006	MW-6	Aqueous	1,2-Dichlorobenzene	8260B	0.73	J	ug/L	22
006	MW-6	Aqueous	1,4-Dichlorobenzene	8260B	21		ug/L	22
006	MW-6	Aqueous	1,1-Dichloroethane	8260B	3.4		ug/L	22
006	MW-6	Aqueous	1,2-Dichloroethane	8260B	1.6		ug/L	22
006	MW-6	Aqueous	cis-1,2-Dichloroethene	8260B	52		ug/L	22
006	MW-6	Aqueous	trans-1,2-Dichloroethene	8260B	0.32	J	ug/L	22
006	MW-6	Aqueous	1,2-Dichloropropane	8260B	0.29	J	ug/L	22
006	MW-6	Aqueous	Toluene	8260B	0.37	J	ug/L	22
006	MW-6	Aqueous	Trichloroethene	8260B	0.97	J	ug/L	22
006	MW-6	Aqueous	Vinyl chloride	8260B	6.2		ug/L	23
006	MW-6	Aqueous	Xylenes (total)	8260B	1.2		ug/L	23
006	MW-6	Aqueous	Arsenic	6010B	0.0074		mg/L	24
006	MW-6	Aqueous	Barium	6010B	1.1		mg/L	24
006	MW-6	Aqueous	Cadmium	6010B	0.0012	J	mg/L	24
006	MW-6	Aqueous	Lead	6010B	0.0064		mg/L	24
006	MW-6	Aqueous	Selenium	6010B	0.0039	J	mg/L	24
006	MW-6	Aqueous	Silver	6010B	0.0015	BJ	mg/L	24
007	MW-6D	Aqueous	Benzene	8260B	5.2		ug/L	25
007	MW-6D	Aqueous	Carbon disulfide	8260B	0.31	J	ug/L	25
007	MW-6D	Aqueous	Chlorobenzene	8260B	1.0		ug/L	25
007	MW-6D	Aqueous	Chloroethane	8260B	1.2	J	ug/L	25
007	MW-6D	Aqueous	1,2-Dichlorobenzene	8260B	0.66	J	ug/L	25
007	MW-6D	Aqueous	1,4-Dichlorobenzene	8260B	9.3		ug/L	25
007	MW-6D	Aqueous	1,1-Dichloroethane	8260B	13		ug/L	25
007	MW-6D	Aqueous	cis-1,2-Dichloroethene	8260B	64		ug/L	25
007	MW-6D	Aqueous	trans-1,2-Dichloroethene	8260B	0.33	J	ug/L	25
007	MW-6D	Aqueous	1,2-Dichloropropane	8260B	0.69	J	ug/L	25
007	MW-6D	Aqueous	Trichloroethene	8260B	1.9		ug/L	25
007	MW-6D	Aqueous	Vinyl chloride	8260B	4.4		ug/L	26
007	MW-6D	Aqueous	Xylenes (total)	8260B	0.81	J	ug/L	26
007	MW-6D	Aqueous	Barium	6010B	0.16		mg/L	27
007	MW-6D	Aqueous	Cadmium	6010B	0.00098	J	mg/L	27
007	MW-6D	Aqueous	Lead	6010B	0.0041		mg/L	27
007	MW-6D	Aqueous	Mercury	7470A	0.000072	J	mg/L	27
008	MW-7A	Aqueous	Benzene	8260B	2.1		ug/L	28

Executive Summary (Continued)

Lot Number: JK26041

Sample	Sample ID	Matrix	Parameter	Method	Result	Q	Units	Page
008	MW-7A	Aqueous	Carbon disulfide	8260B	1.0		ug/L	28
008	MW-7A	Aqueous	Chlorobenzene	8260B	1.6		ug/L	28
008	MW-7A	Aqueous	Chloroethane	8260B	1.1	J	ug/L	28
008	MW-7A	Aqueous	1,4-Dichlorobenzene	8260B	6.5		ug/L	28
008	MW-7A	Aqueous	1,1-Dichloroethane	8260B	1.2		ug/L	28
008	MW-7A	Aqueous	Ethylbenzene	8260B	0.34	J	ug/L	28
008	MW-7A	Aqueous	Toluene	8260B	0.50	J	ug/L	28
008	MW-7A	Aqueous	Xylenes (total)	8260B	0.77	J	ug/L	29
008	MW-7A	Aqueous	Arsenic	6010B	0.031		mg/L	30
008	MW-7A	Aqueous	Barium	6010B	0.48		mg/L	30
008	MW-7A	Aqueous	Lead	6010B	0.0097		mg/L	30
008	MW-7A	Aqueous	Mercury	7470A	0.000055	J	mg/L	30
008	MW-7A	Aqueous	Selenium	6010B	0.0058		mg/L	30
008	MW-7A	Aqueous	Silver	6010B	0.0016	BJ	mg/L	30
009	MW-8	Aqueous	Barium	6010B	0.034		mg/L	33
009	MW-8	Aqueous	Lead	6010B	0.0030		mg/L	33
009	MW-8	Aqueous	Mercury	7470A	0.000054	J	mg/L	33
009	MW-8	Aqueous	Selenium	6010B	0.0031	J	mg/L	33
010	Upstream	Aqueous	Acetone	8260B	7.1	J	ug/L	34
010	Upstream	Aqueous	Carbon disulfide	8260B	0.61	J	ug/L	34
010	Upstream	Aqueous	Arsenic	6010B	0.0040	J	mg/L	36
010	Upstream	Aqueous	Barium	6010B	0.029		mg/L	36
010	Upstream	Aqueous	Lead	6010B	0.0035		mg/L	36
011	Downstream	Aqueous	Barium	6010B	0.065		mg/L	39
011	Downstream	Aqueous	Lead	6010B	0.0029	J	mg/L	39

(118 detections)

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-001

Matrix: Aqueous

Description: MW-1

Date Sampled: 11/24/2008 1045

Date Received: 11/26/2008

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1359	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND	-	20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND	-	20	1.2	ug/L	1
Benzene		71-43-2	8260B	ND	1.0	0.13	ug/L	1	
Bromochloromethane		74-97-5	8260B	ND	1.0	0.16	ug/L	1	
Bromodichloromethane		75-27-4	8260B	ND	1.0	0.33	ug/L	1	
Bromoform		75-25-2	8260B	ND	1.0	0.66	ug/L	1	
Bromomethane (Methyl bromide)		74-83-9	8260B	ND	2.0	0.81	ug/L	1	
2-Butanone (MEK)		78-93-3	8260B	ND	10	2.0	ug/L	1	
Carbon disulfide		75-15-0	8260B	ND	1.0	0.097	ug/L	1	
Carbon tetrachloride		56-23-5	8260B	ND	1.0	0.14	ug/L	1	
Chlorobenzene		108-90-7	8260B	ND	1.0	0.33	ug/L	1	
Chloroethane		75-00-3	8260B	ND	2.0	0.47	ug/L	1	
Chloroform		67-66-3	8260B	ND	1.0	0.33	ug/L	1	
Chloromethane (Methyl chloride)		74-87-3	8260B	ND	1.0	0.35	ug/L	1	
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND	1.0	0.60	ug/L	1	
Dibromochloromethane		124-48-1	8260B	ND	1.0	0.33	ug/L	1	
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND	1.0	0.30	ug/L	1	
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND	1.0	0.35	ug/L	1	
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND	2.0	0.83	ug/L	1	
1,2-Dichlorobenzene		95-50-1	8260B	ND	1.0	0.33	ug/L	1	
1,4-Dichlorobenzene		106-46-7	8260B	ND	1.0	0.33	ug/L	1	
1,1-Dichloroethane		75-34-3	8260B	ND	1.0	0.13	ug/L	1	
1,2-Dichloroethane		107-06-2	8260B	ND	1.0	0.15	ug/L	1	
1,1-Dichloroethene		75-35-4	8260B	ND	1.0	0.16	ug/L	1	
cis-1,2-Dichloroethene		156-59-2	8260B	ND	1.0	0.12	ug/L	1	
trans-1,2-Dichloroethene		156-60-5	8260B	ND	1.0	0.20	ug/L	1	
1,2-Dichloropropane		78-87-5	8260B	ND	1.0	0.19	ug/L	1	
cis-1,3-Dichloropropene		10061-01-5	8260B	ND	1.0	0.092	ug/L	1	
trans-1,3-Dichloropropene		10061-02-6	8260B	ND	1.0	0.10	ug/L	1	
Ethylbenzene		100-41-4	8260B	ND	1.0	0.33	ug/L	1	
2-Hexanone		591-78-6	8260B	ND	10	0.27	ug/L	1	
Methyl iodide (Iodomethane)		74-88-4	8260B	ND	5.0	1.2	ug/L	1	
4-Methyl-2-pentanone		108-10-1	8260B	ND	10	0.31	ug/L	1	
Methylene chloride		75-09-2	8260B	ND	1.0	0.33	ug/L	1	
Styrene		100-42-5	8260B	ND	1.0	0.12	ug/L	1	
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND	1.0	0.20	ug/L	1	
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND	1.0	0.16	ug/L	1	
Tetrachloroethene		127-18-4	8260B	ND	1.0	0.13	ug/L	1	
Toluene		108-88-3	8260B	ND	1.0	0.33	ug/L	1	
1,1,1-Trichloroethane		71-55-6	8260B	ND	1.0	0.074	ug/L	1	
1,1,2-Trichloroethane		79-00-5	8260B	ND	1.0	0.21	ug/L	1	
Trichloroethene		79-01-6	8260B	ND	1.0	0.18	ug/L	1	
Trichlorofluoromethane		75-69-4	8260B	ND	1.0	0.30	ug/L	1	
1,2,3-Trichloropropane		96-18-4	8260B	ND	1.0	0.33	ug/L	1	

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-001

Description: MW-1

Matrix: Aqueous

Date Sampled: 11/24/2008 1045

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1359	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4		82	70-130					
Bromofluorobenzene		102	70-130					
Toluene-d8		130	70-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-001

Matrix: Aqueous

Description: MW-1

Date Sampled: 11/24/2008 1045

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2147	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0011	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1052	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.067		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	0.0028	J	0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0049		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	0.00077	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-002

Description: MW-2

Matrix: Aqueous

Date Sampled: 11/24/2008 1115

Date Received: 11/26/2008

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1428	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	0.69	J	1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	0.23	J	1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	5.4		1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	3.6		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	1.1		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	2.0		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	2.0		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	4.9		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental	Laboratory ID: JK26041-002
Description: MW-2	Matrix: Aqueous
Date Sampled: 11/24/2008 1115	
Date Received: 11/26/2008	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1428	DLB		90953
Parameter		CAS Number		Analytical Method		Result	Q
Vinyl acetate		108-05-4		8260B		ND	5.0
Vinyl chloride		75-01-4		8260B		1.5	1.0
Xylenes (total)		1330-20-7		8260B		ND	0.054
Surrogate	Q	Run 1 % Recovery		Acceptance Limits			
1,2-Dichloroethane-d4		113		70-130			
Bromofluorobenzene		102		70-130			
Toluene-d8		111		70-130			

PQL = Practical quantitation limit

ND = Not detected at or above the MDL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and \geq MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-002

Description: MW-2

Matrix: Aqueous

Date Sampled: 11/24/2008 1115

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2148	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0015	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.32		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	0.0011	J	0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	0.0062		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.019		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	0.00016		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0041	J	0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	0.0013	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-003

Description: MW-2D

Matrix: Aqueous

Date Sampled: 11/24/2008 1145

Date Received: 11/26/2008

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1450	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	1.0		1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	ND		1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	2.4		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	1.8		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	2.0		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	0.46	J	1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	0.24	J	1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-003

Description: MW-2D

Matrix: Aqueous

Date Sampled: 11/24/2008 1145

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1450	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4	114	70-130						
Bromofluorobenzene	101	70-130						
Toluene-d8	113	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-003

Description: MW-2D

Matrix: Aqueous

Date Sampled: 11/24/2008 1145

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2149	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0018	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1056	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.015	J	0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0042		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	0.00052	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-004

Description: MW-3

Matrix: Aqueous

Date Sampled: 11/24/2008 1215

Date Received: 11/26/2008

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1513	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	ND		1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	0.79	J	1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	0.58	J	1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	ND		2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	ND		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	2.6		1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-004

Description: MW-3

Matrix: Aqueous

Date Sampled: 11/24/2008 1215

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1513	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4		114	70-130					
Bromofluorobenzene		101	70-130					
Toluene-d8		113	70-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-004

Description: MW-3

Matrix: Aqueous

Date Sampled: 11/24/2008 1215

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2150	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0022	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1100	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.18		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	0.0021		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0035		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0032	J	0.0050	0.0026	mg/L	2
Silver	7440-22-4	6010B	0.0011	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-005

Description: MW-4

Matrix: Aqueous

Date Sampled: 11/24/2008 1245

Date Received: 11/26/2008

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1536	Analyst DLB	Prep Date	Batch 90953
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Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone	67-64-1	8260B	7.0	J	20	6.7	ug/L	1
Acrylonitrile	107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene	71-43-2	8260B	1.6		1.0	0.13	ug/L	1
Bromochloromethane	74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane	75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform	75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)	74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)	78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide	75-15-0	8260B	0.38	J	1.0	0.097	ug/L	1
Carbon tetrachloride	56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene	108-90-7	8260B	9.8		1.0	0.33	ug/L	1
Chloroethane	75-00-3	8260B	1.2	J	2.0	0.47	ug/L	1
Chloroform	67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)	74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)	96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane	124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)	106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)	74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene	110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene	95-50-1	8260B	1.2		1.0	0.33	ug/L	1
1,4-Dichlorobenzene	106-46-7	8260B	12		1.0	0.33	ug/L	1
1,1-Dichloroethane	75-34-3	8260B	ND		1.0	0.13	ug/L	1
1,2-Dichloroethane	107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene	75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene	156-59-2	8260B	0.15	J	1.0	0.12	ug/L	1
trans-1,2-Dichloroethene	156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane	78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene	10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene	10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene	100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone	591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)	74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone	108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride	75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene	100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane	630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane	79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene	127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene	108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane	71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane	79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene	79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane	75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane	96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-005

Description: MW-4

Matrix: Aqueous

Date Sampled: 11/24/2008 1245

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1536	DLB		90953

Parameter	CAS Number		Analytical Method	Result	Q	PQL	MDL	Units	Run
	Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
Vinyl acetate			108-05-4	8260B	ND	5.0	1.3	ug/L	1
Vinyl chloride			75-01-4	8260B	ND	1.0	0.054	ug/L	1
Xylenes (total)			1330-20-7	8260B	ND	1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-005

Description: MW-4

Matrix: Aqueous

Date Sampled: 11/24/2008 1245

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2151	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0026	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1104	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.48		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	0.00082	J	0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	0.010		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0091		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	0.000058	J	0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0048	J	0.0050	0.0026	mg/L	2
Silver	7440-22-4	6010B	0.0029	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental		Laboratory ID: JK26041-006						
Description: MW-6		Matrix: Aqueous						
Date Sampled: 11/24/2008 1415								
Date Received: 11/26/2008								

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1559	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	10	J	20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	4.7		1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	11		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	0.14	J	1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	1.0		1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	3.2		2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	0.73	J	1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	21		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	3.4		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	1.6		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	52		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	0.32	J	1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	0.29	J	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	0.37	J	1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	0.97	J	1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-006

Description: MW-6

Matrix: Aqueous

Date Sampled: 11/24/2008 1415

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1559	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	6.2		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	1.2		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4		117	70-130					
Bromofluorobenzene		104	70-130					
Toluene-d8		113	70-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-006

Description: MW-6

Matrix: Aqueous

Date Sampled: 11/24/2008 1415

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2152	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0030	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1107	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	0.0074		0.0050	0.0040	mg/L	2
Barium	7440-39-3	6010B	1.1		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	0.0012	J	0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0064		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0039	J	0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	0.0015	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental	Laboratory ID: JK26041-007
Description: MW-6D	Matrix: Aqueous
Date Sampled: 11/24/2008 1500	
Date Received: 11/26/2008	

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1622	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	5.2		1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	0.31	J	1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	1.0		1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	1.2	J	2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	0.66	J	1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	9.3		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	13		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	64		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	0.33	J	1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	0.69	J	1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	ND		1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	ND		1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	1.9		1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-007

Description: MW-6D

Matrix: Aqueous

Date Sampled: 11/24/2008 1500

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1622	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	4.4		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	0.81	J	1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4		116	70-130					
Bromofluorobenzene		101	70-130					
Toluene-d8		112	70-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental	Laboratory ID: JK26041-007
Description: MW-6D	Matrix: Aqueous
Date Sampled: 11/24/2008 1500	
Date Received: 11/26/2008	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2154	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0034	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1112	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.16		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	0.00098	J	0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0041		0.0030	0.0019	mg/L	2
Mercury	7439-97-6	7470A	0.000072	J	0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental		Laboratory ID: JK26041-008
Description: MW-7A		Matrix: Aqueous
Date Sampled: 11/24/2008 1345		
Date Received: 11/26/2008		

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008	Analyst DLB	Prep Date 1645	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Acetone		67-64-1	8260B	ND		20	6.7	ug/L	1
Acrylonitrile		107-13-1	8260B	ND		20	1.2	ug/L	1
Benzene		71-43-2	8260B	2.1		1.0	0.13	ug/L	1
Bromochloromethane		74-97-5	8260B	ND		1.0	0.16	ug/L	1
Bromodichloromethane		75-27-4	8260B	ND		1.0	0.33	ug/L	1
Bromoform		75-25-2	8260B	ND		1.0	0.66	ug/L	1
Bromomethane (Methyl bromide)		74-83-9	8260B	ND		2.0	0.81	ug/L	1
2-Butanone (MEK)		78-93-3	8260B	ND		10	2.0	ug/L	1
Carbon disulfide		75-15-0	8260B	1.0		1.0	0.097	ug/L	1
Carbon tetrachloride		56-23-5	8260B	ND		1.0	0.14	ug/L	1
Chlorobenzene		108-90-7	8260B	1.6		1.0	0.33	ug/L	1
Chloroethane		75-00-3	8260B	1.1	J	2.0	0.47	ug/L	1
Chloroform		67-66-3	8260B	ND		1.0	0.33	ug/L	1
Chloromethane (Methyl chloride)		74-87-3	8260B	ND		1.0	0.35	ug/L	1
1,2-Dibromo-3-chloropropane (DBCP)		96-12-8	8260B	ND		1.0	0.60	ug/L	1
Dibromochloromethane		124-48-1	8260B	ND		1.0	0.33	ug/L	1
1,2-Dibromoethane (EDB)		106-93-4	8260B	ND		1.0	0.30	ug/L	1
Dibromomethane (Methylene bromide)		74-95-3	8260B	ND		1.0	0.35	ug/L	1
trans-1,4-Dichloro-2-butene		110-57-6	8260B	ND		2.0	0.83	ug/L	1
1,2-Dichlorobenzene		95-50-1	8260B	ND		1.0	0.33	ug/L	1
1,4-Dichlorobenzene		106-46-7	8260B	6.5		1.0	0.33	ug/L	1
1,1-Dichloroethane		75-34-3	8260B	1.2		1.0	0.13	ug/L	1
1,2-Dichloroethane		107-06-2	8260B	ND		1.0	0.15	ug/L	1
1,1-Dichloroethene		75-35-4	8260B	ND		1.0	0.16	ug/L	1
cis-1,2-Dichloroethene		156-59-2	8260B	ND		1.0	0.12	ug/L	1
trans-1,2-Dichloroethene		156-60-5	8260B	ND		1.0	0.20	ug/L	1
1,2-Dichloropropane		78-87-5	8260B	ND		1.0	0.19	ug/L	1
cis-1,3-Dichloropropene		10061-01-5	8260B	ND		1.0	0.092	ug/L	1
trans-1,3-Dichloropropene		10061-02-6	8260B	ND		1.0	0.10	ug/L	1
Ethylbenzene		100-41-4	8260B	0.34	J	1.0	0.33	ug/L	1
2-Hexanone		591-78-6	8260B	ND		10	0.27	ug/L	1
Methyl iodide (Iodomethane)		74-88-4	8260B	ND		5.0	1.2	ug/L	1
4-Methyl-2-pentanone		108-10-1	8260B	ND		10	0.31	ug/L	1
Methylene chloride		75-09-2	8260B	ND		1.0	0.33	ug/L	1
Styrene		100-42-5	8260B	ND		1.0	0.12	ug/L	1
1,1,1,2-Tetrachloroethane		630-20-6	8260B	ND		1.0	0.20	ug/L	1
1,1,2,2-Tetrachloroethane		79-34-5	8260B	ND		1.0	0.16	ug/L	1
Tetrachloroethene		127-18-4	8260B	ND		1.0	0.13	ug/L	1
Toluene		108-88-3	8260B	0.50	J	1.0	0.33	ug/L	1
1,1,1-Trichloroethane		71-55-6	8260B	ND		1.0	0.074	ug/L	1
1,1,2-Trichloroethane		79-00-5	8260B	ND		1.0	0.21	ug/L	1
Trichloroethene		79-01-6	8260B	ND		1.0	0.18	ug/L	1
Trichlorofluoromethane		75-69-4	8260B	ND		1.0	0.30	ug/L	1
1,2,3-Trichloropropane		96-18-4	8260B	ND		1.0	0.33	ug/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-008

Description: MW-7A

Matrix: Aqueous

Date Sampled: 11/24/2008 1345

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1645	DLB		90953

Parameter	CAS Number	Analytical Method		Result	Q	PQL	MDL	Units	Run
		Run 1	Acceptance Limits						
Vinyl acetate	108-05-4	8260B	ND	5.0	1.3	ug/L	1		
Vinyl chloride	75-01-4	8260B	ND	1.0	0.054	ug/L	1		
Xylenes (total)	1330-20-7	8260B	0.77	J	1.0	0.33	ug/L	1	
Surrogate	Q	% Recovery							
1,2-Dichloroethane-d4		114	70-130						
Bromofluorobenzene		101	70-130						
Toluene-d8		112	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-008

Description: MW-7A

Matrix: Aqueous

Date Sampled: 11/24/2008 1345

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2159	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0038	MNM	11/28/2008 1340	90724
2	3005A	6010B	1	12/02/2008 1115	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	0.031		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.48		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0097		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	0.000055	J	0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0058		0.0050	0.0026	mg/L	2
Silver	7440-22-4	6010B	0.0016	BJ	0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-009

Description: MW-8

Matrix: Aqueous

Date Sampled: 11/24/2008 1320

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1708	DLB		90953

Parameter	Surrogate	CAS	Analytical	Result	Q	PQL	MDL	Units	Run
		Number	Method						
Vinyl acetate		108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride		75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)		1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate		Run 1	Acceptance						
		Q	% Recovery						
1,2-Dichloroethane-d4		118	70-130						
Bromofluorobenzene		99	70-130						
Toluene-d8		112	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental

Laboratory ID: JK26041-009

Description: MW-8

Matrix: Aqueous

Date Sampled: 11/24/2008 1320

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2200	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0042	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.034		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0030		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	0.000054	J	0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	0.0031	J	0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-010

Description: Upstream

Matrix: Aqueous

Date Sampled: 11/24/2008 1015

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1731	DLB		90953

Parameter	Q	CAS	Analytical	Result	Q	PQL	MDL	Units	Run
		Number	Method						
Vinyl acetate		108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride		75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)		1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits						
1,2-Dichloroethane-d4		118	70-130						
Bromofluorobenzene		104	70-130						
Toluene-d8		111	70-130						

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental Description: Upstream Date Sampled: 11/24/2008 1015 Date Received: 11/26/2008				Laboratory ID: JK26041-010 Matrix: Aqueous			
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Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2201	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0057	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	0.0040	J	0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.029		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0035		0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

ND = Not detected at or above the MDL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and \geq MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental	Laboratory ID: JK26041-011
Description: Downstream	Matrix: Aqueous
Date Sampled: 11/24/2008 1300	
Date Received: 11/26/2008	

Run 1	Prep Method 5030B	Analytical Method 8260B	Dilution 1	Analysis Date 12/02/2008 1754	Analyst DLB	Prep Date	Batch 90953		
Parameter		CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate		108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride		75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)		1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits						
1,2-Dichloroethane-d4		121	70-130						
Bromofluorobenzene		101	70-130						
Toluene-d8		113	70-130						

PQL = Practical quantitation limit

ND = Not detected at or above the MDL

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

B = Detected in the method blank

J = Estimated result < PQL and \geq MDL

E = Quantitation of compound exceeded the calibration range

P = The RPD between two GC columns exceeds 40%

N = Recovery is out of criteria

RCRA Metals

Client: Buxton Environmental	Laboratory ID: JK26041-011
Description: Downstream	Matrix: Aqueous
Date Sampled: 11/24/2008 1300	
Date Received: 11/26/2008	

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1		7470A	1	12/01/2008 2202	BNW	12/01/2008 1750	90846
1	3005A	6010B	1	12/02/2008 0101	MNM	11/28/2008 1340	90724

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Arsenic	7440-38-2	6010B	ND		0.0050	0.0040	mg/L	1
Barium	7440-39-3	6010B	0.065		0.025	0.0075	mg/L	1
Cadmium	7440-43-9	6010B	ND		0.0020	0.00060	mg/L	1
Chromium	7440-47-3	6010B	ND		0.0050	0.0021	mg/L	1
Lead	7439-92-1	6010B	0.0029	J	0.0030	0.0019	mg/L	1
Mercury	7439-97-6	7470A	ND		0.00010	0.000053	mg/L	1
Selenium	7782-49-2	6010B	ND		0.0050	0.0026	mg/L	1
Silver	7440-22-4	6010B	ND		0.0050	0.00040	mg/L	1

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

ND = Not detected at or above the MDL

J = Estimated result < PQL and \geq MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria

Volatile Organic Compounds by GC/MS

Client: Buxton Environmental

Laboratory ID: JK26041-012

Description: Trip Blank

Matrix: Aqueous

Date Sampled: 11/26/2008 1610

Date Received: 11/26/2008

Run	Prep Method	Analytical Method	Dilution	Analysis Date	Analyst	Prep Date	Batch
1	5030B	8260B	1	12/02/2008 1817	DLB		90953

Parameter	CAS Number	Analytical Method	Result	Q	PQL	MDL	Units	Run
Vinyl acetate	108-05-4	8260B	ND		5.0	1.3	ug/L	1
Vinyl chloride	75-01-4	8260B	ND		1.0	0.054	ug/L	1
Xylenes (total)	1330-20-7	8260B	ND		1.0	0.33	ug/L	1
Surrogate	Q	Run 1 % Recovery	Acceptance Limits					
1,2-Dichloroethane-d4		122	70-130					
Bromofluorobenzene		101	70-130					
Toluene-d8		114	70-130					

PQL = Practical quantitation limit

B = Detected in the method blank

E = Quantitation of compound exceeded the calibration range

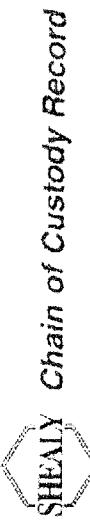
ND = Not detected at or above the MDL

J = Estimated result < PQL and ≥ MDL

P = The RPD between two GC columns exceeds 40%

Where applicable, all soil sample analysis are reported on a dry weight basis unless flagged with a "W"

N = Recovery is out of criteria



SHEALY ENVIRONMENTAL SERVICES, INC.

106 Vantage Point Drive

West Columbia, South Carolina 29172

Telephone No. (803) 791-9700 Fax No. (803) 791-9111

Number 95884

SHEALY ENVIRONMENTAL SERVICES, INC.

Client Baptist Environmental, Inc.	Project Contact Ross Klingstedt	Project Contact Ross Klingstedt	Telephone No./Fax No./Email 407-344-1450	Date/No. 11/26/08
Address 1101 South 81st Street	State PA	Zip Code 18203	Waybill No. X	Printed Name Baptist Enviro
City Columbia				
Project Name G-3 - Clements Landfill				
Project No.	PO. No.	Batch No.	No. of Containers	Container Type
Sample ID / Description	Date	Time	Preservative	Comments
Collection for analytical only no treatment or processing				
MW-1	11-24-08	10:45 AM	G-1	X X
MW-2	11	11:15 AM	G-1	X X
MW-3	11	11:45 AM	G-1	X X
MW-4	11	12:15 PM	G-1	X X
MW-5	11	12:45 PM	G-1	X X
MW-6	11	1:15 PM	G-1	X X
MW-7A	11	1:45 PM	G-1	X X
MW-7B	11	1:50 PM	G-1	X X
MW-8	11	13:45 PM	G-1	X X
Upstate Enviro	11	13:50 PM	G-1	X X
Downstream	11	13:55 PM	G-1	X X
Trip Share	11-3-08	12:30 PM	G-1	X X
Possible Hazardous Material			Sample Disposal	
Hazardous			Return to Client	Original by 1:30
Non-Hazardous			SC Requirements (Regulation)	10/26/08 - 11/15
Item Accepted/Rejected (Final ID accepted/rejected if exceeded 1.5%)			Accepted by	Date Time
Signature of Project Manager			Received by	Date Time
1. Prepared by	Date	Time	2. Received by	Date Time
2. Received by	Date	Time	3. Laboratory Review	Date Time
3. Prepared by	Date	Time	Laboratory ONLY	Date Time
Comments			Received and Checked Test No. x x	Date Time
DISTRIBUTION: Write & Relocating Return to Shealy Environmental Document Copy			Received Test No. x x	Date Time

SHEALY ENVIRONMENTAL SERVICES, INC.

Shealy Environmental Services, Inc.
Document Number: F-AD-616
Revision Number: 6

Page 1 of 1
Replaces Date: 09/22/06
Effective Date: 05/29/07

Sample Receipt Checklist (SRC)

Client: Buxton

Cooler Inspected by/date: ECU 11/126/08 Lot #: JK26041

Means of receipt: <input checked="" type="checkbox"/> SESI <input type="checkbox"/> Client <input type="checkbox"/> UPS <input type="checkbox"/> FedEx <input type="checkbox"/> Airborne Exp <input type="checkbox"/> Other		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
1. Were custody seals present on the cooler?		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
2. If custody seals were present, were they intact and unbroken?		
Cooler ID/temperature upon receipt: <u>1.4 / 1 °C / 1 °C / 1 °C / 1 °C</u>		
Method: <input checked="" type="checkbox"/> Temperature Blank <input type="checkbox"/> Against Bottles		
Method of coolant: <input checked="" type="checkbox"/> Wet Ice <input type="checkbox"/> Blue Ice <input type="checkbox"/> Dry Ice <input type="checkbox"/> None		
If response is No (or Yes for 14, 15, 16), an explanation/resolution must be provided.		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
3. If temperature of any cooler exceeded 6.0°C, was Project Manager notified? PM notified by SRC, phone, note (circle one), other: _____ (For coolers received via commercial courier, PMs are to be notified immediately)		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
4. Is the commercial courier's packing slip attached to this form?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
5. Were proper custody procedures (relinquished/received) followed?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
6. Were sample IDs listed?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
7. Was collection date & time listed?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
8. Were tests to be performed listed on the COC or was quote # provided?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
9. Did all samples arrive in the proper containers for each test?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
10. Did all container label information (ID, date, time) agree with COC?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
11. Did all containers arrive in good condition (unbroken, lids on, etc.)?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
12. Was adequate sample volume available?		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
13. Were all samples received within ½ the holding time or 48 hours, whichever comes first?		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
14. Were any samples containers missing?		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
15. Were there any excess samples not listed on COC?		
Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	NA <input type="checkbox"/>
16. Were bubbles present >"pea-size" (½" or 6mm in diameter) in any VOA vials?		
Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	NA <input type="checkbox"/>
17. Were all metals/O&G/HITEM/nutrient samples received at a pH of <2?		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
18. Were all cyanide and/or sulfide samples received at a pH >12?		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
19. Were all applicable NH3/TKN/cyanide/phenol/BNA/pest/PCB/herb (<0.2mg/L) and toxicity (<0.1mg/L) samples free of residual chlorine?		
Yes <input type="checkbox"/>	No <input type="checkbox"/>	NA <input checked="" type="checkbox"/>
20. Were collection temperatures documented on the COC for NC samples?		
Sample Preservation (Must be completed for any sample(s) incorrectly preserved or with headspace.)		
Sample(s) _____ were received incorrectly preserved and were adjusted accordingly in sample receiving with _____ (H ₂ SO ₄ , HNO ₃ , HCl, NaOH) with the SR # (number) _____		
Sample(s) _____ were received with bubbles >6 mm in diameter.		
Sample(s) _____ were received with TRC >0.2 mg/L for NH3/TKN/cyanide/BNA/pest/PCB/herb.		
Toxicity sample(s) _____ were received with TRC >0.1 mg/L and were analyzed by method 330.5.		

Corrective Action taken, if necessary:

Was client notified: Yes No

Did client respond: Yes No

SESI employee: _____

Date of response: _____

Comments: _____

APPENDIX B
HISTORICAL GROUNDWATER ANALYTICAL RESULTS

MW-1

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	4/97	9/97	4/98	9/98	4/99	9/99	5/00	9/00	5/01	12/01	7/02	12/02	5/03	11/03	5/04	11/04	4/05	11/05	5/06	11/06	6/07	11/07	6/08	11/08	NCGPS	
Appendix I VOC's																										
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
RCRA Metals																										
Barium	460	770	680	1,100	530	1,200	BDL	BDL	126	93	40	66	240	110	110	220	290	130	470	32	70	130	67	2,000		
Cadmium	BDL	BDL	BDL	1.1	2	5	3	2	BDL	BDL	BDL															
Chromium	BDL	18	8	26	BDL	21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.75
Lead	7	24	28	21	13	23	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	50
Mercury	0.31	0.3	BDL	1.6	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	15
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

NA = not applicable

bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >MDL

rk:table:cramhistgw.mwl

MW-2D

**HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA**

Date	9/00	5/01	12/01	7/02	12/02	5/03	11/03	5/04	11/04	4/05	11/05	5/06	11/06	6/07	11/07	6/08	11/08	NCGPS
Appendix I VOC's																		
Acetone	BDL	94	29.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
Carbon Disulfide	BDL	BDL	BDL	2.8	BDL	BDL	BDL	BDL										
Chloromethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6
1,1-Dichloroethane	BDL	BDL	2.7	3.4	2.6	BDL	2.6	3.2	3	2.7	2.7	2.8	2.8	2.2	3.4	1.8	2.4	70
1,1-Dichloroethene	BDL	BDL	BDL	1.1	1.5	BDL	1.1	1.3	1.1	1.5	1.3	1.3	1.7	1.2	1.4	1.1	1.8	7
cis-1,2-Dichloroethene	BDL	BDL	BDL	1.7	1.7	BDL	1.8	2	1.9	BDL	1.8	1.9	1.9	1.6	2	1.3	2	70
Methylene Chloride	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4
Tetrachloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	4.6
Trichloroethene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.7
RCRA Metals																		
Arsenic	BDL	BDL	13	11	BDL	BDL	BDL	7.7	BDL	7.1	BDL	BDL	BDL	4.7J	BDL	BDL	BDL	50
Barium	BDL	BDL	86	96	38	49	43	55	29	26	BDL	BDL	BDL	27	14J	30	19J	15J
Cadmium	2	3	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.1	1	BDL	BDL	1.6	BDL	BDL	1.5J	2,000
Chromium	BDL	BDL	13	15	BDL	5.1	5.2	6.2	BDL	BDL	BDL	BDL	BDL	3.7J	BDL	BDL	1.75	
Lead	BDL	BDL	19	24	10	8.7	14	9.5	4.5	5.4	BDL	4.8	BDL	4.3	6.3B	4.2	15	50
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.52BJ	17.5

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
 BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS

data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	4/97	9/97	4/98	9/98	4/99	9/99	5/00	9/00	5/01	12/01	7/02	12/02	5/03	11/03	5/04	11/04	4/05	11/05	5/06	11/06	6/07	11/07	6/08	11/08	NCGPS	
Appendix I VOC's																										
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Benzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Carbon Disulfide	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Chlorobenzene	BDL	8.4	BDL	9.7	BDL	11	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.6	1.4	3.5	BDL	3	BDL	3.4	BDL	BDL	0.58J	50
1,4-Dichlorobenzene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Toluene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.4	
1,2,3-Trichloropropane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	17	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	2.6	
RCRA Metals																										
Arsenic	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	BDL	BDL	BDL	NT	BDL	BDL	BDL	50	
Barium	230	1,200	280	2,200	BDL	1,200	BDL	BDL	263	177	140	120	190	130	240	170	570	260	100	140	NT	110	180	NT	2,000	
Cadmium	BDL	BDL	BDL	BDL	BDL	1	5	2	1	BDL	3	BDL	BDL	BDL	BDL	1.3	BDL	1.2	1.4J	NT	1.1J	2.1	1.75			
Chromium	BDL	61	9	42	BDL	40	BDL	BDL	BDL	BDL	BDL	5	BDL	9	BDL	29	8.3	6.6	2.4J	NT	BDL	BDL	BDL	BDL	50	
Lead	BDL	26	13	18	BDL	21	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6.4	BDL	6.1	BDL	BDL	NT	BDL	3.5	15		
Mercury	BDL	0.3	BDL	0.32	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05	
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	6	BDL	BDL	BDL	BDL	50									
Silver	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	17.5	

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGQS
data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	4/97	9/97	4/98	9/98	4/99	9/99	5/00	9/00	5/01	12/01	7/02	12/02	5/03	11/03	5/04	11/04	4/05	11/05	5/06	11/06	6/07	11/07	6/08	11/08	NCGPS	
<i>Appendix I VOC's</i>																										
Actionone	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Carbon Disulfide	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
<i>RCRA Metals</i>																										
Arsenic	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	
Barium	220	NT	320	NT	BDL	NT	BDL	NT	NT	NT	42	220	610	32	25	220	NT	3,500	32	1,800	NT	NT	NT	NT	50	
Cadmium	BDL	NT	BDL	NT	1	NT	2	NT	NT	NT	BDL	BDL	BDL	BDL	1.8	NT	3.8	BDL	8.9	NT	NT	NT	NT	NT	2,000	
Chromium	BDL	NT	12	NT	BDL	NT	BDL	NT	NT	NT	BDL	5.7	18	BDL	BDL	BDL	BDL	NT	130	BDL	58	NT	NT	NT	NT	1.75
Lead	BDL	NT	17	NT	BDL	NT	BDL	NT	NT	NT	BDL	BDL	7.3	BDL	BDL	BDL	NT	55	BDL	24	NT	NT	NT	NT	NT	50
Mercury	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	BDL	0.13	BDL	BDL	BDL	NT	0.36	0.13	0.17	NT	NT	NT	NT	NT	1.5	
Selenium	BDL	NT	BDL	NT	BDL	NT	BDL	NT	NT	NT	5.8	BDL	BDL	BDL	BDL	BDL	NT	5.9	BDL	BDL	BDL	BDL	BDL	BDL	BDL	

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

NT = not tested, well dry

NA = not applicable

bold and shade denotes above NCGQS
 data presented in micrograms per liter (ug/l)

B = detected in method blank

J = estimated result <PQL and >=MDL

NT = not tested, well dry

MW-7

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY- CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	4/97	9/97	4/98	9/98	4/99	9/99	NCGPS
Appendix I VOC's							
Carbon Disulfide	21	8.3	BDL	BDL	BDL	BDL	700
Chloroethane	BDL	BDL	BDL	BDL	11	BDL	2,800
1,4-Dichlorobenzene	BDL	BDL	5.5	BDL	6	7	75
1,1-Dichloroethane	28	24	26	9.6	26	41	700
1,2-Dichloroethane	5	7.5	BDL	5.3	BDL	12	0.38
cis-1,2-Dichloroethene	22	21	18	12	20	34	70
Methylene Chloride	BDL	BDL	BDL	6.1	BDL	BDL	5
RCRA Metals							
Barium	460	530	480	580	500	640	2,000
Cadmium	BDL	BDL	BDL	BDL	2	3	5
Chromium	BDL	3	BDL	BDL	BDL	13	50
Lead	BDL	9	8	BDL	BDL	BDL	15
Mercury	BDL	BDL	BDL	3.4	BDL	BDL	1.1

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.

BDL = below detection limit

NCGPS = North Carolina Groundwater Protection Standard

VOC's = volatile organic compounds

bold and shade denotes above NCGPS
data presented in micrograms per liter (ug/l)

HISTORICAL GROUNDWATER ANALYTICAL RESULTS
GASTON COUNTY - CLOSED CRAMERTON LANDFILL
GASTON COUNTY, NORTH CAROLINA

Date	4/97	9/97	4/98	9/98	4/99	9/99	5/00	9/00	5/01	12/01	7/02	12/02	5/03	11/03	5/04	11/04	4/05	11/05	5/06	11/06	6/07	11/07	6/08	11/08	NCGPS
Appendix I VOC's																									
Acetone	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL
1,1-Dichloroethane	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	700
Tetrachloroethylene	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	70
RCRA Metals																									
Barium	180	410	520	720	BDL	BDL	BDL	BDL	BDL	128	282	58	150	130	660	490	220	360	250	110	220	46	47	34	2,000
Cadmium	BDL	BDL	20	BDL	1	2	5	BDL	BDL	2	5	BDL	BDL	3.4	BDL	BDL	1.8	BDL	BDL	0.81J	1.1J	2	BDL	BDL	1.75
Chromium	BDL	19	16	26	BDL	14	BDL	22	BDL	6	21	BDL	BDL	5.6	51	16	7.3	21	12	6.2	16	BDL	BDL	BDL	50
Lead	7	13	16	19	BDL	BDL	BDL	BDL	BDL	12	BDL	BDL	4	BDL	BDL	11	11	3.7	3.1	BDL	BDL	BDL	BDL	3	15
Mercury	BDL	BDL	BDL	2	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	0.054J
Selenium	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	BDL	1.05
																									50

Notes:

Groundwater samples collected on above listed dates and analyzed for Appendix I VOC's and RCRA metals.
 BDL = below detection limit

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